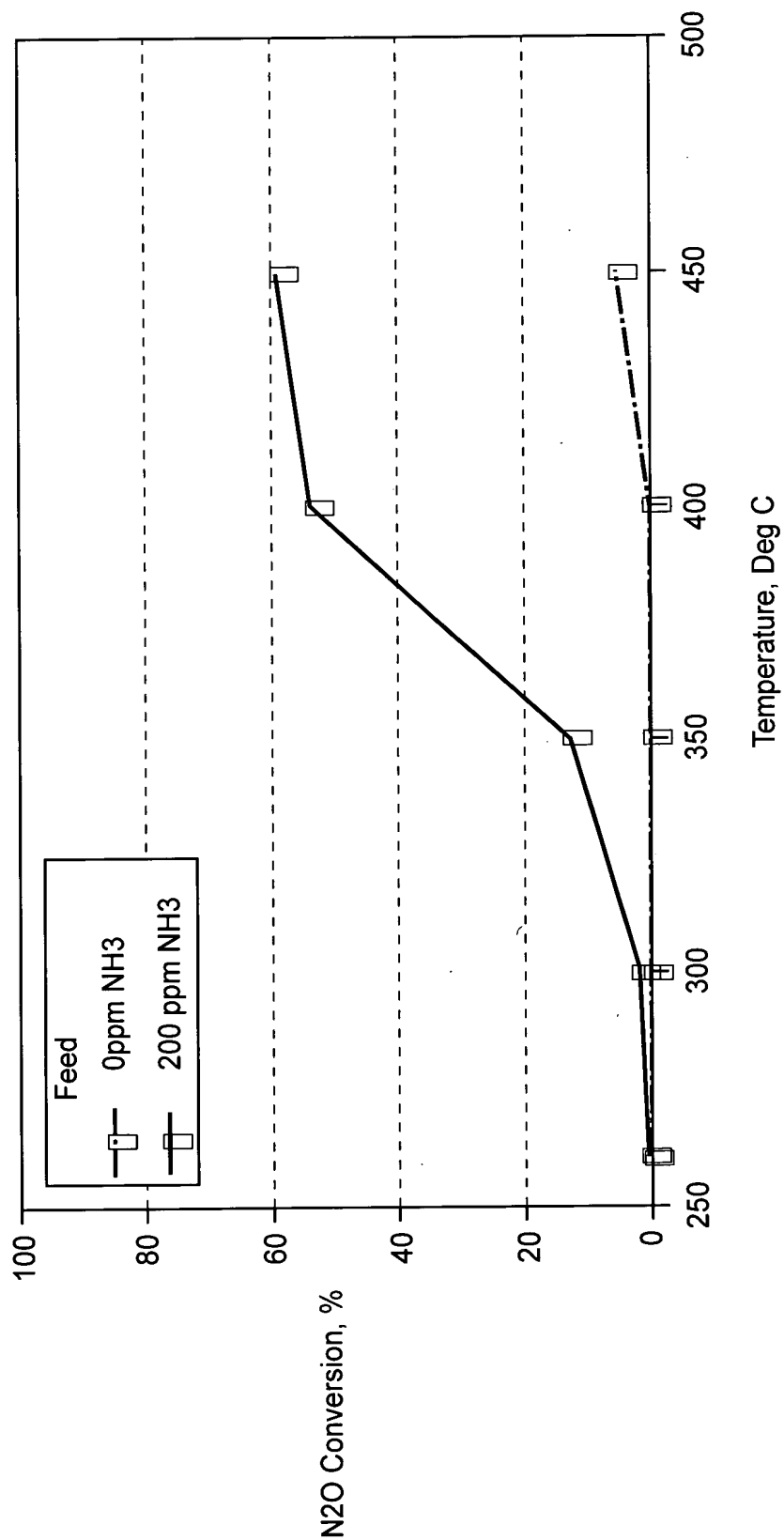


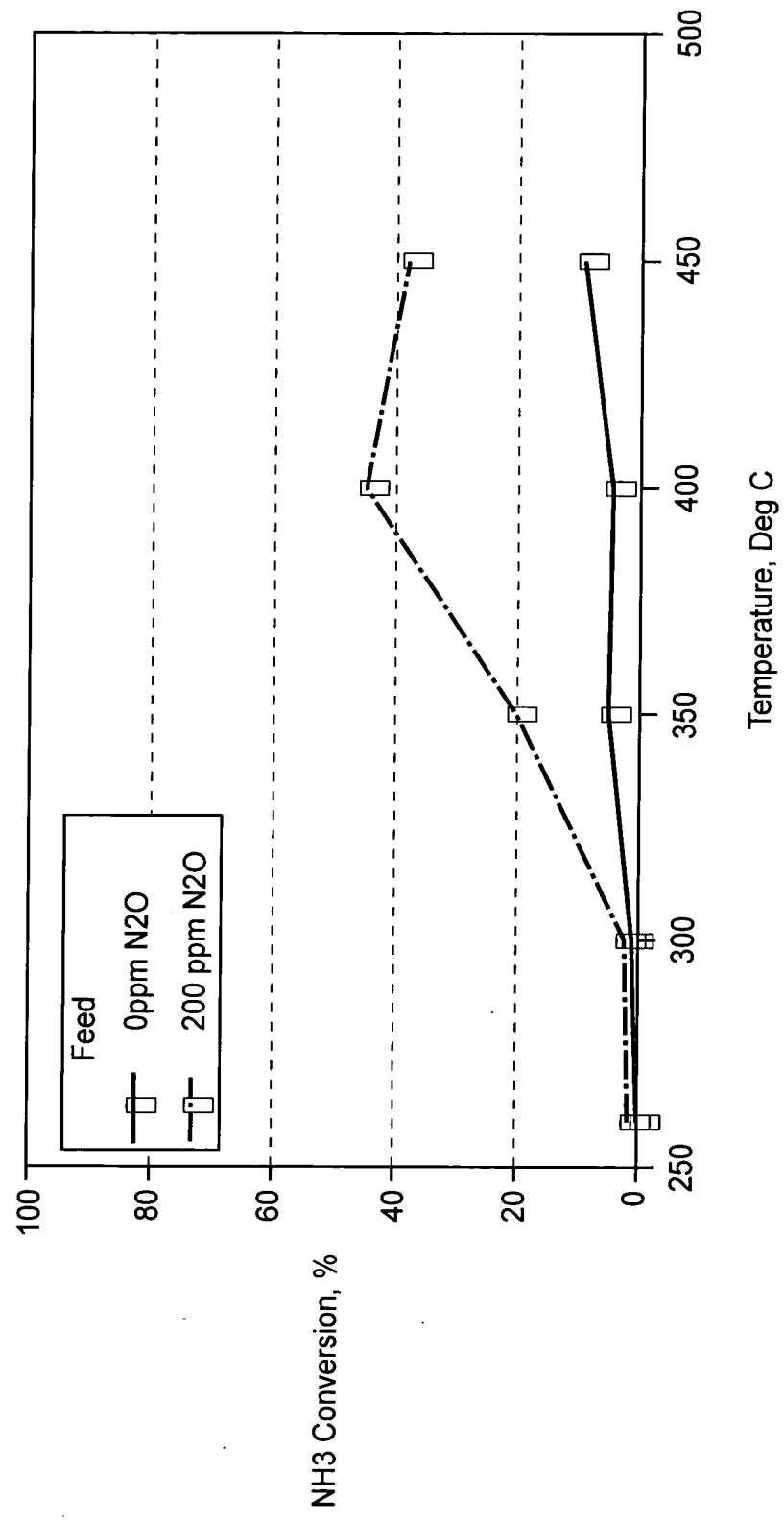
FIG. 1 Fe/Beta Catalyst- Effect of NH3 on N2O Conversion



100 CPSI, 20,000 1/hr SV, 200 ppm N2O in feed, Run 22E-93

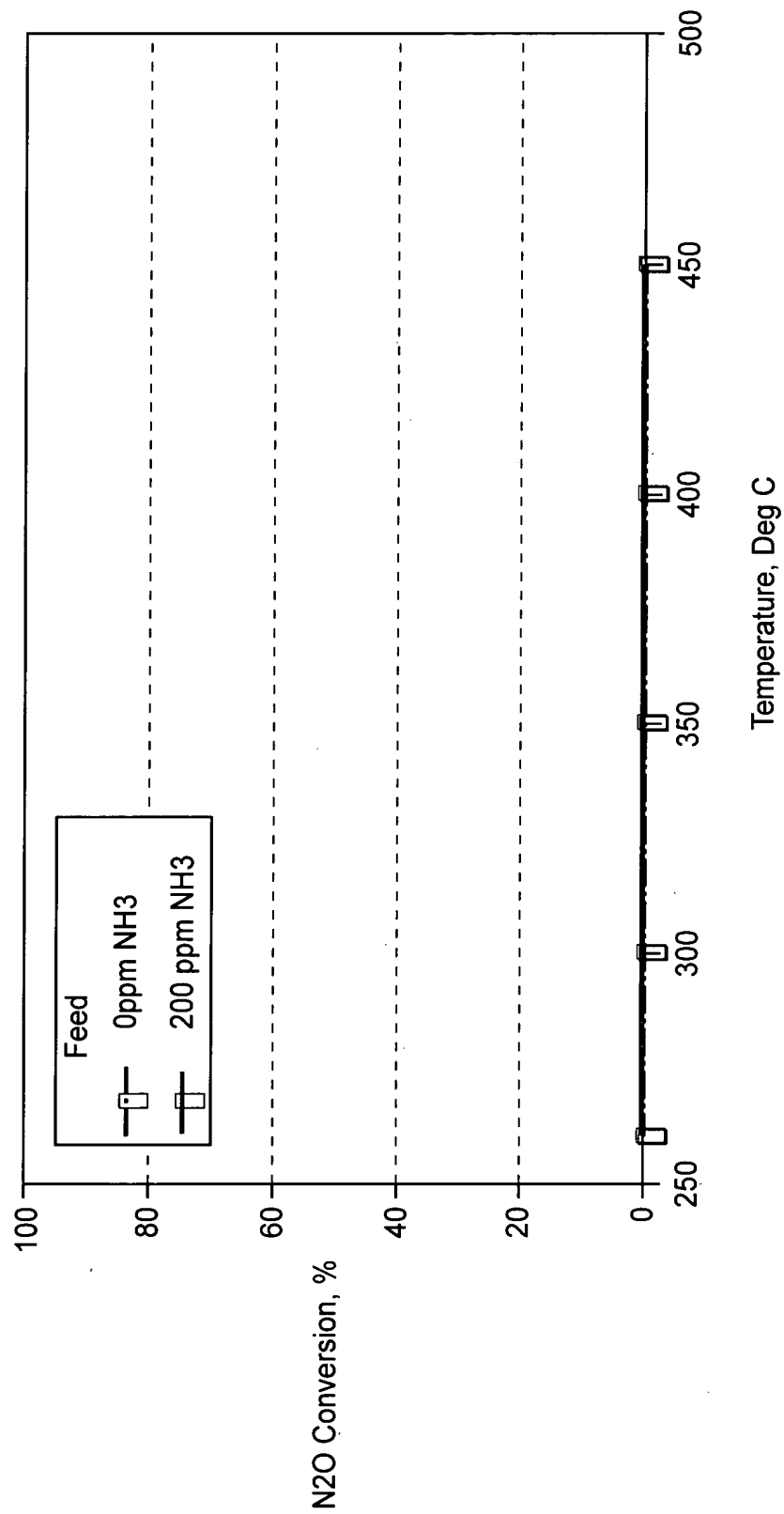
Downloaded from https://www.cambridge.org/core. University of Cambridge, on 02 Jun 2018 at 14:00:00, subject to the Cambridge Core terms of use, available at https://www.cambridge.org/core/terms. https://doi.org/10.1017/9781315315110.002

FIG. 2 Fe/Beta Catalyst- Effect of N₂O on NH₃ Conversion



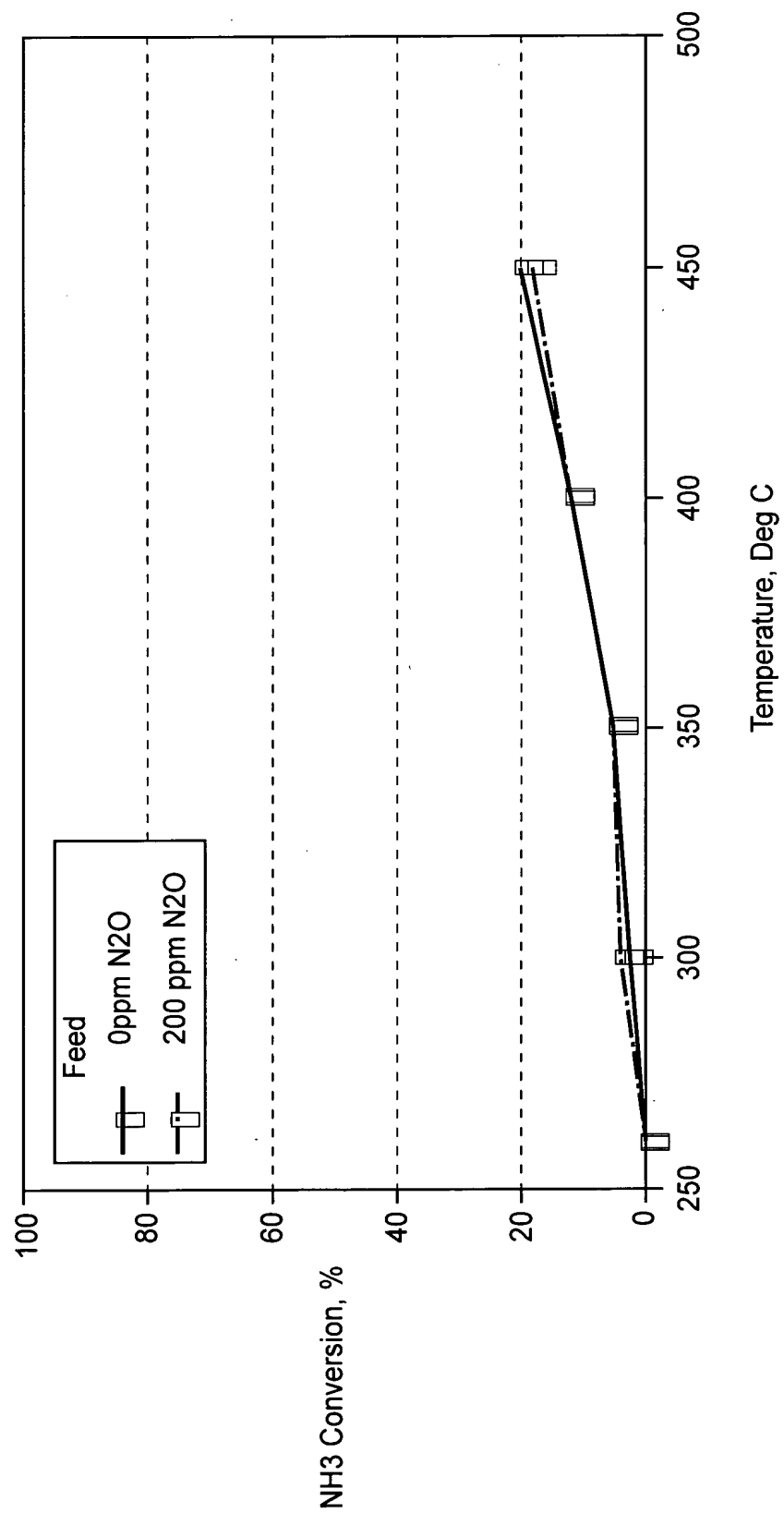
100 CPSI, 20,000 1/hr SV, 200 ppm NH₃

FIG. 3 V/Ti Catalyst- Effect of NH₃ on N₂O Conversion



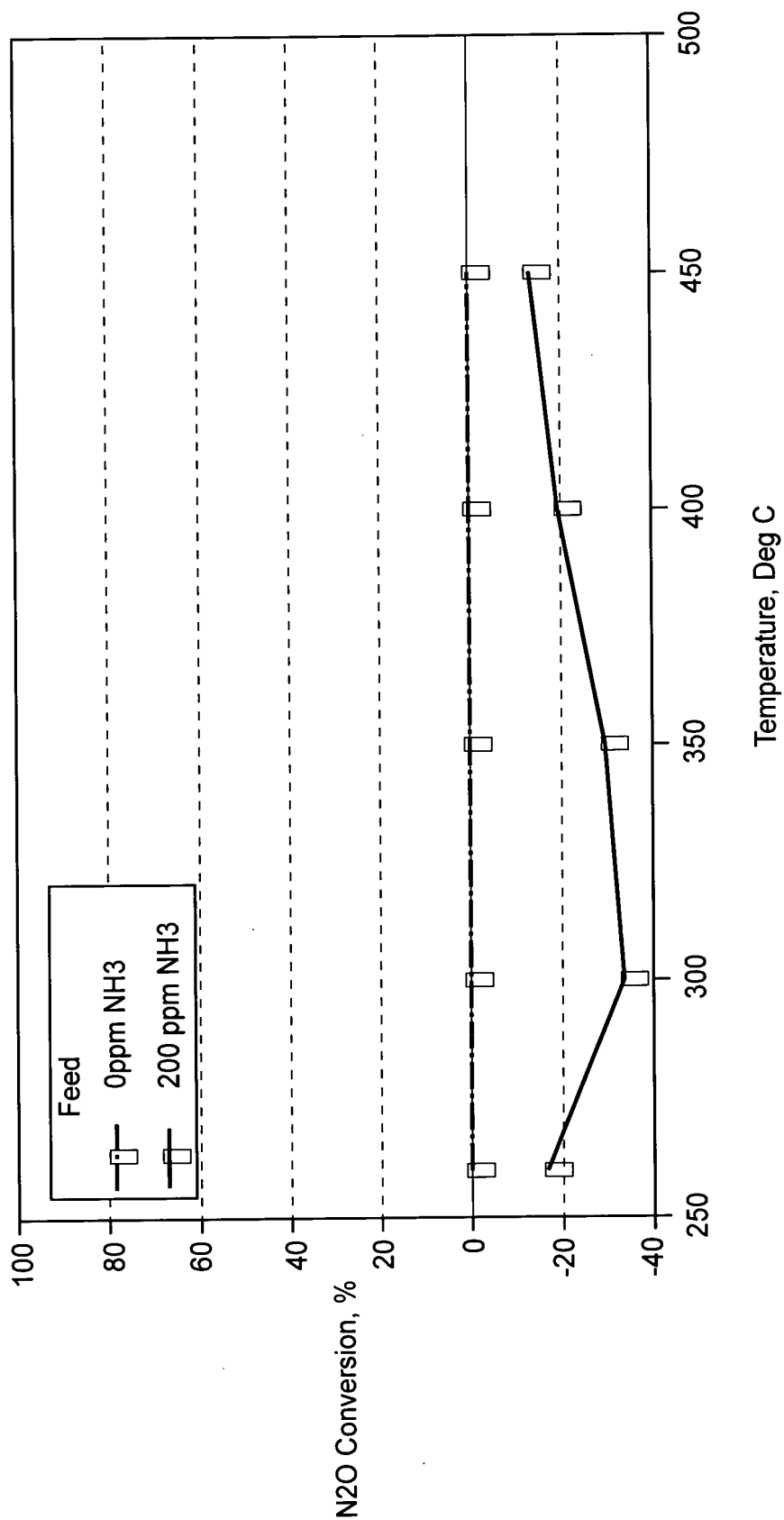
100 CPSI, 30,000 1/hr SV, 200 ppm N₂O in feed

FIG. 4 V/Ti Catalyst- Effect of N2O on NH3 Conversion



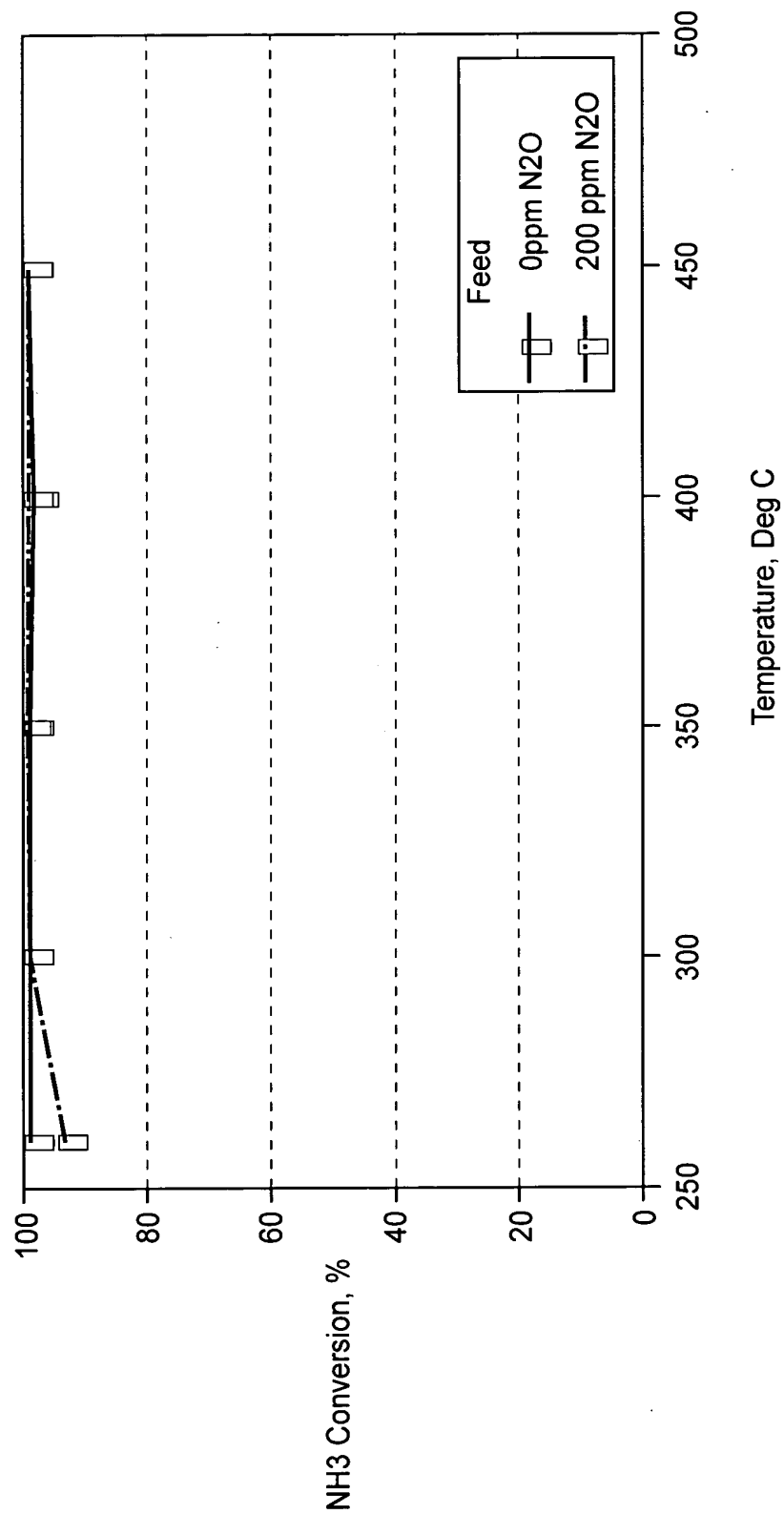
100 CPSI, 20,000 1/hr SV, 200 ppm NH3

FIG. 5 Pt/Au Catalyst- Effect of NH₃ on N₂O Conversion



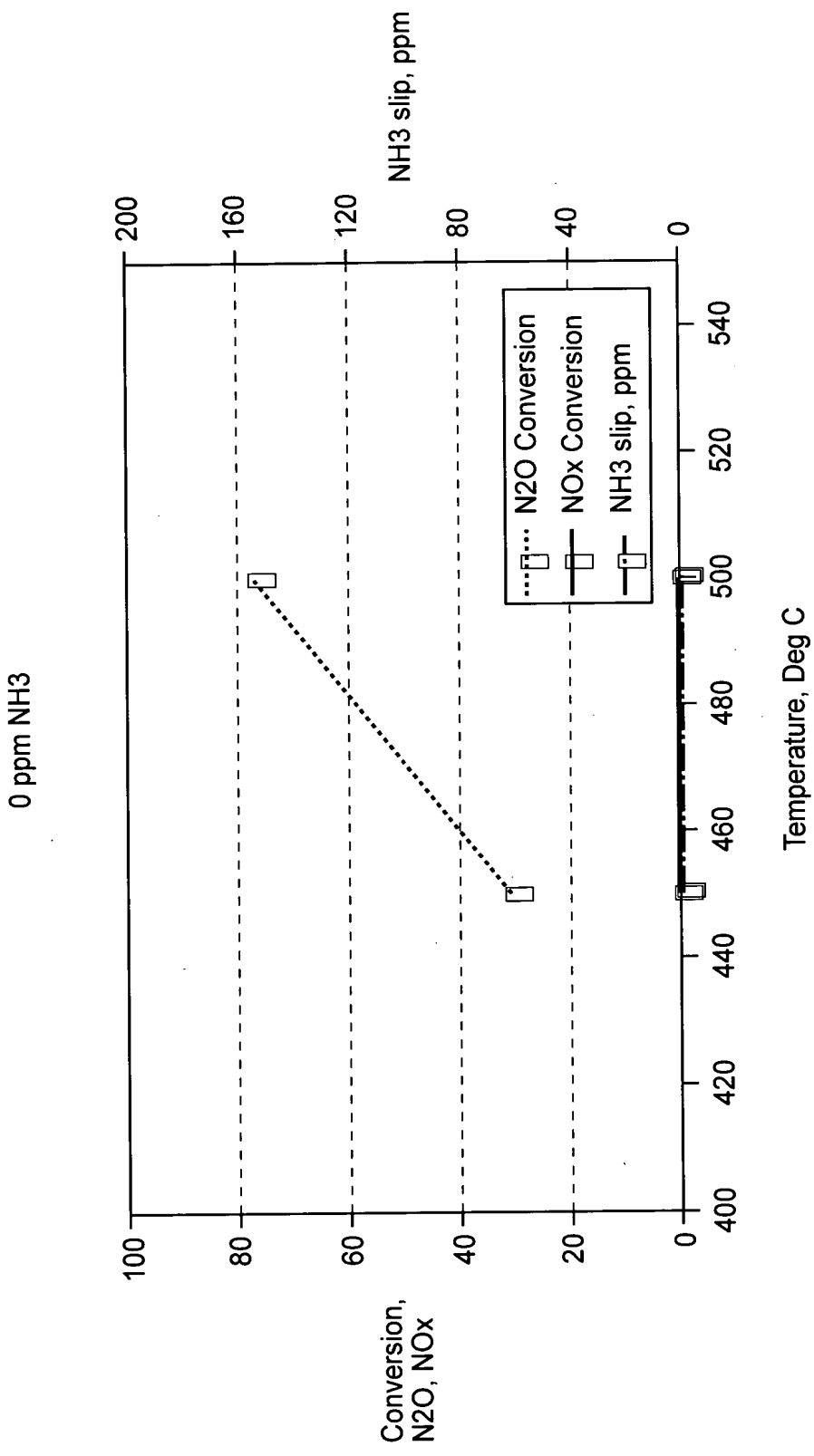
100 CPSI, 30,000 1/hr SV, 200 ppm N₂O in feed

FIG. 6 Pt/Au Catalyst- Effect of N₂O on NH₃ Conversion



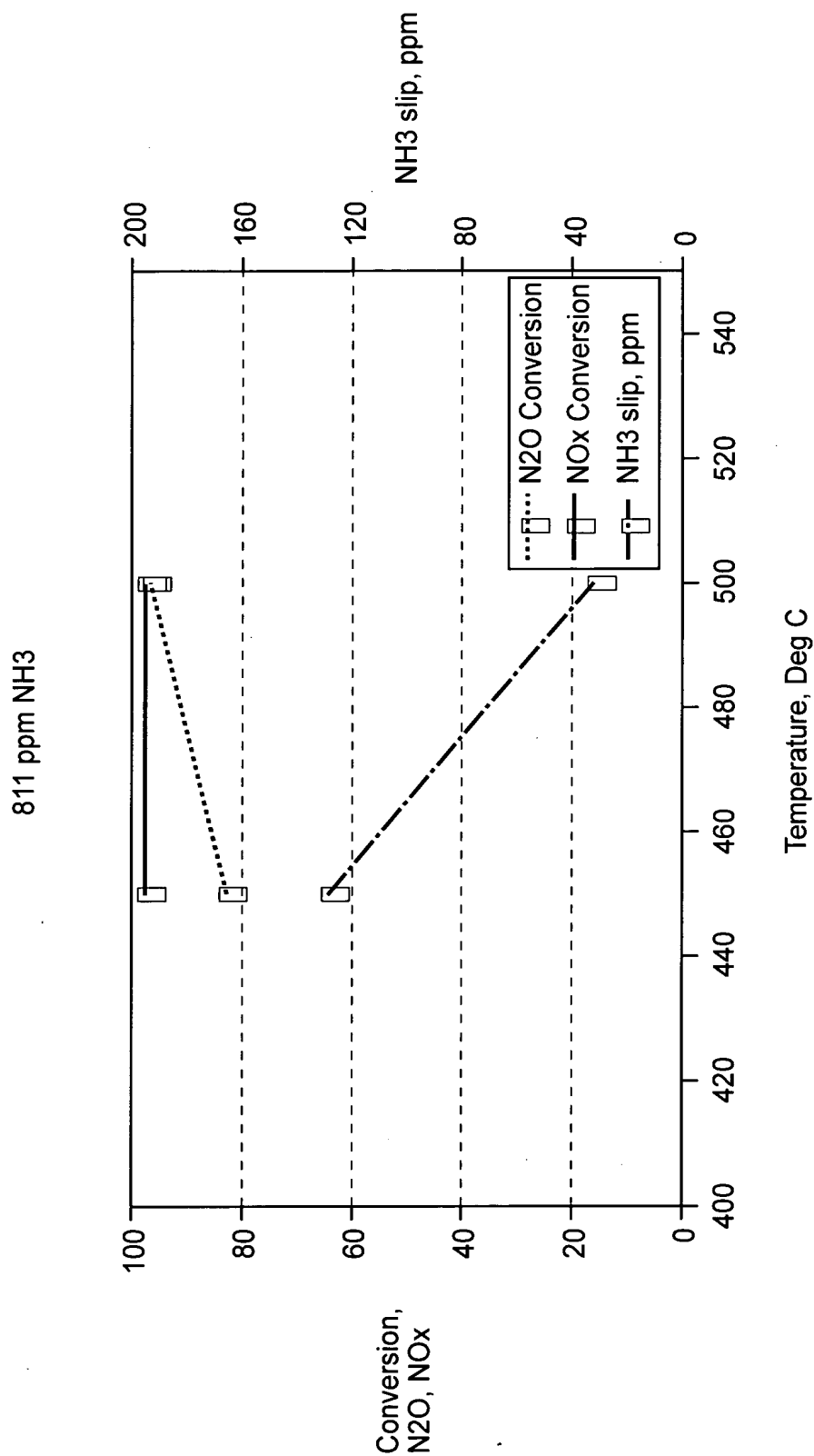
100 CPSI, 30,000 1/hr SV, 200 ppm NH₃

FIG. 7 Removal of NOx and N2O over Fe/Beta-



20,000 1/hr SV, 815 ppm N2O, 52ppm NO, Fe/Beta/200 cpsi

FIG. 8 Effect of NH3 on Conversions of N2O and NOx over Fe/Beta



20,000 1/hr SV, 815 ppm N2O, 52 ppm NO, Fe/Beta/200 cpsi

FIG. 9 Schematic of the apparatus for the N₂O control

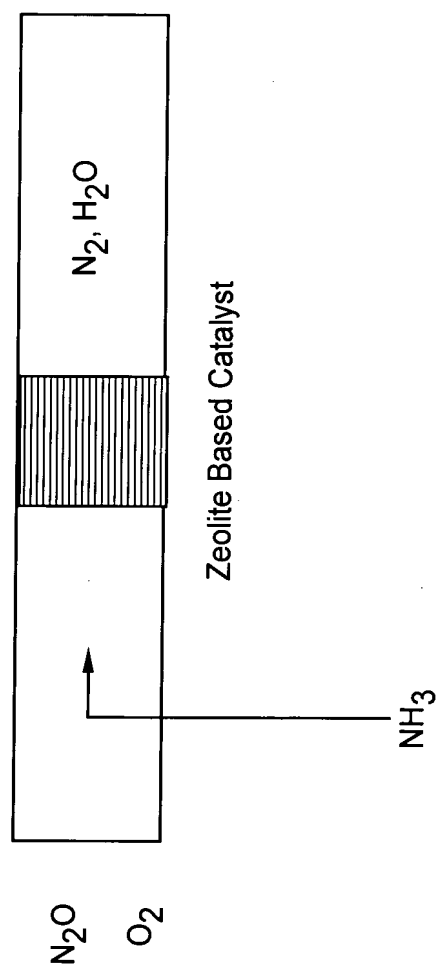


FIG. 10

Schematic of the apparatus for NO_x and N₂O control

